

Abstract

An apparatus for transporting various volumes of fluids having different viscosities into and out of a slide assembly includes a database storing data for fluids, including duration of slide assembly filling, duration of slide assembly purging and duration of slide assembly rinsing, and a controller responsive to an input which corresponds to a fluid sample selected from body fluids and having an aspiration mode, wherein the controller monitors filling of the slide assembly, a purging mode, wherein the controller monitors purging of the slide assembly and a rinsing mode, wherein the controller monitors rinsing of the slide assembly over respective durations determined by the database.